



St. Mira's College for Girls, Pune
(TYBA 2022-2025)

Psychology
Experimental Psychology –Practicals
[Discipline Specific Course]

Semester: V	Credits: 4*	Subject Code: A52219	Lectures: 48
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Course Outcomes:

At the end of the course, the learner will be able to:

- Summarize the basic procedure used in psychological experiments
- Design a psychological experiment
- Perform psychological experiment
- Report the experiment in APA format
- Describe theoretical framework of computer simulated psychological experiment

Unit 1: Psychophysics	10
<ul style="list-style-type: none">● Introduction to Psychophysics● Muller Lyer illusion – Method of average error	

Unit 2: Learning and Memory (Any 3/4)	10
<ul style="list-style-type: none">● Introduction to Learning and Memory● Knowledge of results● Serial learning● Bilateral transfer● STM	

Unit 3: Problem Solving (Any 2/3)	10
<ul style="list-style-type: none">● Maze learning● Effect of Mental Set on Problem Solving● Wiggly's Block Puzzle	

Unit 4: Attention	10
<ul style="list-style-type: none">● Introduction to Attention● Stroop Effect● Reaction Time	

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Unit 5: Introduction to Computer Simulation in Psychological Experiments	08
<ul style="list-style-type: none">• Meaning and nature of computer simulation• Steps to construct computer simulated psychological experiments• Computer simulation and experiments• Simulation and learning	

12 hours for Library work, practical or field work or research purposes
* Semester V and VI - DSE 3+1 = One credit is for Research Project/field visit/
or any other subject centric activities to be taken by the students in consultation
with the concerned teacher.

Recommended Text Books:

- Mukherjee N (2006) *Experimental Psychology*. Dominant Publications, New Delhi.
- Rajamanickam M (2005) *Experimental Psychology with Advanced Experiments*, Concept Publishing, New Delhi.
- Sharma & Sharma(2003) *Experimental Psychology* Atlantic Publication, New Delhi

Reference Books:

- Jebeile, J. (2017). *Computer Simulation, Experiment, and Novelty*. International Studies in the Philosophy of Science, Taylor & Francis (Routledge), 2017, 31 (4), pp.379-395. ff10.1080/02698595.2019.1565205ff. fihal-02105515f
- Ladriscina, F. (2013). *Simulation and Learning- A Model Centered Approach*. Springer.

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Psychology
Psychological Testing-Practical
[Discipline Specific Course]

Semester: VI	Credits: 4*	Subject Code: A62219	Lectures: 48
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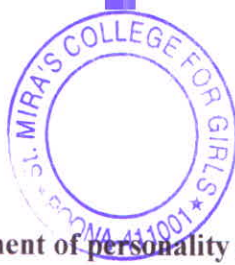
Course Outcomes:

At the end of the course, the learner will be able to:

- Summarize the basic concepts, procedure and design of psychological test
- Describe the psychometric properties of the psychological tests.
- Perform psychological tests
- Create career profile of one subject
- Report the experiment in APA format

Unit 1: Introduction to Testing	10
<ul style="list-style-type: none">● Meaning of a test, classification of test, characteristics of a standardized test, general steps in test construction,● Uses of psychological tests and their limitations● Reliability-meaning and types● Validity- meaning and types● Norms- meaning & types, steps in developing norms	
Unit 2: Measurement of Intelligence and Creativity	10
<ul style="list-style-type: none">● Meaning and purpose of intelligence testing, types of intelligence tests● Administration of intelligence test- RSPM or Verbal Adult Intelligence Scale● Test on Creativity- Passi test of creativity or Divergent Production Abilities	
Unit 3: Measurement of Aptitude and Interest	10
<ul style="list-style-type: none">● Introduction to aptitude and interest● Administration of aptitude test-DBDA● Administration of preference test- Career Preference Record	

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Unit 4: Measurement of personality & related areas

10

- Meaning and purpose of personality testing
- Tools of personality assessment
- Administration of self report inventories- EPQ-R, Perceived Stress Inventory
- Administration of Projective techniques- Conflictive Thoughts Analysis Inventory)
- Administration of attitude scale- Marriage attitude scale or Parenting Style Scale

5: Career profiling and interpretation

08

- Creating a career profile of one subject

12 hours for Library work, practical or field work or research purposes

- Symbolic social influence
- Aggression in ongoing relationships: Bullying and Aggression at Work.

***Semester V and VI – DSE 3+1 = One credit is for Research Project/field visit/or any other subject centric activities to be taken by the students in consultation with the concerned teacher.**

Recommended Text Books:

- Anastasi A (2003) *Psychological testing*, 7th ed, Pearson Education, New Delhi
- Singh.A.K.(2004) *Tests , Measurements and research methods in Behavioural sciences*(3rd ed),Bharti Bhavan Publishers, Patna

Reference Books:

- Cohen, R.J. Swerdlik. M.E (2005) *Psychological testing and assessment* 6thEd, Tata McGraw –Hill, Delhi.
- Kaplan and Sacuzzo (2001) *Psychological Testing: Principles, Applications, and Issues* (5th ed),Pearson education, New Delhi

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Chairperson (HoD)	Dr. Jaya Rajgopalan	Jaya Rajgopalan
Faculty	Ms. Sharmin Palsetia	Sharmin Palsetia
Faculty	Ms. Pooja Jain	Pooja Jain

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Chairperson (HoD)	Dr. Jaya Rajagopalan	Jaya Rajgopalan



St. Mira's College for Girls, Pune
TYBA (2022-2025)

Faculty	Ms. Hasina Shaikh		<i>Hasina</i> 12/8/21
Subject Expert (Outside SPPU)	Dr. Sairaj Patki	<i>Sairaj</i> 12/8/21	
Subject Expert (Outside SPPU)	Dr. Vivek Belhekar		<i>Vivek</i> 12/8/21
VC Nominee	Dr. Amruta Oke	<i>Amruta</i> 12-8-21	
Industry Expert	Ms. Sandy Dias Andrade		<i>Sandy</i> 12/8/21
Alumni	Ms. Trupti Poduval	<i>Trupti</i> 12/8/21	

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